

The Mint of the United States at Philadelphia, Penn.,

SUPERINTENDENT'S OFFICE.

March 19th, 1886

Hon. Sam^l M. Fox
Superintendent
Dear Sir

In answer to your communication in reference to Department under my charge, I would respectfully report that I have adopted such measures as will insure a greater economy in the consumption of Gas hereafter, as to the Electric Lights the present arrangements are such as to preclude the possibility of burning only one Light separately, ~~In order to burn any~~ one Light separately It will be necessary to have them so arranged that they can be switched off, to do this would cause considerable expense & under our present system of Lighting there would be no economy in it. This is caused by the

old style of machines that we are now using
 In regards to the best system of Electric Lighting
 I would suggest that It could be settled by
 competition. According to present arrangements
 It is much cheaper to burn Gas in front of the
 Boilers, I am now burning about 25 cubic ft-
 an hour which costs 4^{cts} per hour, To use an
 Arc Light under the present arrangements
 would cost 35^{cts} an hour not including the
 man's time looking after It.

If this present system of Lights could be so
 arranged with switches so that each Light
 could be used separately the Arc Light in front
 of the Boilers would cost 3½^{cts} per hour &
 would give me more light then the Gas burners
 The manner in which my Department is
 working at present. It will be necessary
 for me to assign two men

John M. Laughlin - Millwright & William
Sweeney - Ciler to look after the Gas. which
I have already done

Very Respe. Yours
Arch. L. Vandegrift
Chief Engineer

The Mint of the United States,

AT

PHILADELPHIA, PENN.,

March 19, 1886.

A. L. Vandenberg

C. Engineer Superintendent.

Subject:

Report upon the
Departments under
his control.

Recd March 19, 1886

No. of Enclosures,

[Abstract:] Report upon the Department under his control.

The Mint of the United States at Philadelphia, Penn.,
Superintendent's Office.
March 19, 1886

Hon. Danl. M. Fox
Superintendent

Dear Sir

In answer to your communication in reference to Department under my charge, I would respectfully report that I have adopted such measures as will insure a quarter economy in the consumption of Gas hereafter, as to the Electric Lights the present arrangements are such as to preclude the possibility of burning only one Light separately. In order to burn any one Light separately. It will be necessary to have them so arranged that they can be switched off, to do this would cause considerable expense & under are present system of Lighting them would be no economy, in it. This is cause by the old style of machines that we are now using. In regards to the best system of Electric Lighting I would suggest that It could be settled by competition. According to present arrangements It is much cheaper to burn Gas in front of the Boilers, I am now burning about 25 cubic ft. an hour which cost 4 cts. per hour, To use an Arc Light under the present arrangements would cost 35 cts. an hour not including the man's time looking after It.

If this present system of Lights could be so arranged with switches so that each Light could be used separately the Arc Light in front of the Boiler's would cost 3 ½ cts. per hour & would give me more light then the Gas burners. The manner in which my Department is working at present. It will be necessary for me to assign two men John Mc Laughlin – millwright & William Sweeny – Oiler to look after the Gas which I have already done.

Very Respy. Yours
Arch. L. Vadegrift
Chief Engineer